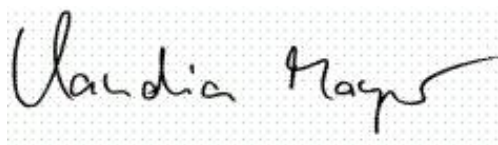


Certificate of Analysis

Product Name: Chloramine T trihydrate
ACS reagent, 98 %
Product Number: 402869
Batch Number: STBJ4364
Brand: Sigma-Aldrich
CAS Number: 7080-50-4
Formula: $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_2\text{NCINa} \cdot 3\text{H}_2\text{O}$
Formula Weight: 281.69
Quality Release Date: 04 OCT 2019

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE	WHITE
APPEARANCE (FORM)	POWDER	POWDER
THIOSULFATE TITRATION	98.0 - 103.0 %	99.9 %
INSOLUBLE MATTER	≤ 1.5 %	< 1.5 %
SOLUBILITY (TURBIDITY)	CLEAR	CLEAR
SOLUBILITY (METHOD)	C=5%, ETHANOL (INSOLUBLE MATTER)	C=5%, ETHANOL (INSOLUBLE MATTER)
SOLUBILITY (METHOD)	C=5%, H2O (CLARITY OF SOLUTION TEST)	C=5%, H2O (CLARITY OF SOLUTION TEST)
PH	8.0 - 10.0	9.2
PH (METHOD)	AT 25 DEGREES CELSIUS (C=5%, H2O)	AT 25 DEGREES CELSIUS (C=5%, H2O)
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
APPLICATION TEST	SUITABILITY FOR DETERMINATION OF BROMIDE: PASS	PASS
ACS SPECIFICATIONS	MEETS CURRENT ACS REQUIREMENTS	CONFORMS



Claudia Mayer
Manager Quality Control
Steinheim, Germany

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.